

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

P575
West Point 15' gnd
15X-5.4S-8.1E
== Ed Semmes

1. Location: State New York County Putnam

Nearest P. O. Acawana Corners Direction from P. O. N

Distance from P. O. 3 1/2 miles; 1/4 sec. T. R.

If in city, give street and number Town of Putnam Valley

Locate well on plat of section.

2. Owner: W. B. O. Field Address Cold Spring

Driller: J. P. Harris Address Portchester, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? hillsides, near lake

4. Elevation of top of well: 800 ft. above the level of sea

(Sea, depot, lake, or stream)

5. Type of well: dug; kind of drilling rig used st

(Solid tool, jetting, rotary, etc.)

6. Depth of well: 105 ft.; year in which well was finished 1938

Does well enter rock? yes; if so, at what depth? 15 1/2 ft.; kind of rock granite green

7. Diameter: At top 6 inches; at bottom 6 inches.

8. Principal water bed: 5 1/2 GPM at 75' - both all way down

(Gravel, sand, clay, or rock. If rock, state kind)

Depth to principal water bed 75 40 ft.; thickness of bed ft.

If other water supplies were found, give depth to each water at 20 ft.

9. Casings: Kind steel; size 8"; length 19 ft.; between depths of 0 and 19 ft.

Kind 6"; size 47 ft.; between depths of 0 and 47 ft.

Packers (if any): Depth at which packers were used none; kind —

Screen or Strainer: Was well finished with screen? no; kind of screen —

length of screen — ft.; diameter — inches; size of openings —

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no

if flowing, give pressure — lb. per sq. inch; or height water will rise in a pipe — ft. above surface;

original pressure or head —; if not flowing, give water level in well 15 1/2 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Desmoy

size or capacity of pump —; kind of power electric

12. Yield: Natural flow at present (if any) 7 1/2 gallons per minute; original flow — gallons per minute;

well has been pumped at 7 1/2 gallons per minute continuously for — hours;

quantity of water ordinarily obtained from well 1000-1500 gallons per day.

13. Use: For what purpose is the water used? County estate - 5 head of cattle & chickens

14. Quality of the water: —; is there an analysis? —

(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: — Temperature of water — ° F.

Name of person filling blank from Robert Grindrod, caretaker

Date 8-2-50 Address at Albany & Ed Semmes Dec. 1950

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

from driller

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Stony subsoil in clay	0	15	15	stones angular & about 10" wide
Bedrock	15	85	70	Coarse, with pink feldspar (banded)
Water stored in 500 gallon pressure tank.				
Ran hose at 5 GPM for 7 hours in summer with less than 55 ft. of drawdown (included 500 Gall. tank)				
Ledge outcrops less than 25 ft. from well. Rock is contorted granite gneiss.				
Made only a few inches (duller) last day.				
So less than 55 feet of drawdown after pumping 5 GPM for 5 1/2 hours in summer of 1949.				
Also, tested at 7 1/2 GPM with less than 65 feet of drawdown by duller (1938) for unknown period. (Based on drop pipe setting.)				